Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Northeast				
FAYETTE COUNTY 2.8 S WES	ST UNION [42.93, -91.81]			
	07/07/09 20:00 CST		0	Hail (0.88 in)
	07/07/09 20:00 CST		0	Source: Public
FAYETTE COUNTY 0.7 N FAY	ETTE [42.84, -91.80]			
	07/07/09 20:10 CST		10K	Thunderstorm Wind (EG 55 kt)
	07/07/09 20:10 CST		0	Source: Newspaper
Trees were uprooted and some p	roperty damage was reported on the Upper lov	wa University cam	pus in Fayette.	
	n hit the town of Fayette during the evening on mage was reported. Parts of Fayette were wi	-		ersity campus, trees were
FAYETTE COUNTY 7.9 NNW N	WESTGATE [42.87, -92.08], 2.6 SW RANDALI.	A [42.84, -91.91]		
	07/10/09 02:00 CST		0.13M	Thunderstorm Wind (EG 70 kt)
	07/10/09 02:30 CST		0.48M	Source: Emergency Manager

A two mile long path of destruction occurred from approximately 150th Street and S and U Avenues. Numerous barns, bins and outbuildings were demolished. One farm north of Sumner was hit particularly hard. The residence sustained damage and its attached garage was ripped away, with two vehicles in the garage a total loss. Also, a mobile home was severely damaged. Approximately 600 acres of corn and soybeans were shredded by the hail and wind, with crop damage totals nearly a half of a million dollars.

A line of severe thunderstorms moved across northeast lowa during the early morning hours of July 10, causing severe wind damage in parts of Fayette County. The bulk of the damage occurred between the cities of Sumner and Fayette, in about a 2 to 3 mile wide swath around Highway 93, or 150th St, from around 3:00 a.m. to 3:30 a.m.

Many barns, outbuildings, and grain bins were damaged or destroyed between 140th and 160th St. in western Fayette County. Trees around local farms were also broken or knocked down. Crops in the path of the line of storms were either flattened or shredded by the combination of 1 inch hail and strong winds. Crop losses were reported to be high in this area. All of the damage surveyed was blown the same direction or in a divergent pattern. There was no evidence of rotation or tornado activity. Residents said they had hail for several minutes and high winds.

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg



Wind damage to crops east of Sumner, IA on July 10th. Photo by Todd Shea, NOAA/NWS La Crosse, WI.

FAYETTE	COUNTY 1	.5 E ORAN	[42.70, -92.05]

Numerous reports of pea to penny size hail were received. There was a one mile swath along X Avenue from Highway 3 to 50th Street where corn was shredded. Gardens in the town of Oran were also shredded due to hail. Torrential rain occurred with the hail.

A cluster of thunderstorms produced hail and wind, which damaged crops in the late evening of July 14.

HOWARD COUNTY AS NEL IME OF	200 140 47 00 051			
HOWARD COUNTY 2.0 NE LIME SI	07/24/09 11:19 CST	0	Hail (0.88 in)	
	07/24/09 11:19 CST	10K	Source: Public	
There were also strong winds in addition	on to the hail.			
HOWARD COUNTY 0.7 N BONAIR	[43.43, -92.20] 07/24/09 11:27 CST	5K	Thunderstorm Wind (MG 51 kt)	
	07/24/09 11:27 CST	15K	Source: Amateur Radio	
HOWARD COUNTY 0.5 E CRESCO	MUNI ARPT [43.37, -92.12]			
HOWARD COUNTY 0.5 E CRESCO	MUNI ARPT [43.37, -92.12] 07/24/09 11:30 CST	10K	Thunderstorm Wind (EG 55 kt)	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees were down all of over town and the rain and street flooding was also reported	· -	as reportedly injure	d when a tree may	have fallen on her in a park. Heavy
HOWARD COUNTY 3.5 N CRESCO [4	· •			
	07/24/09 11:34 CST		0	Hail (0.75 in)
	07/24/09 11:34 CST		40K	Source: Amateur Radio
Dime size hail combined with strong wind	ds damaged corn fields.			
HOWARD COUNTY 1.7 ENE CRESCO	O [43.39, -92.09]			
	07/24/09 11:35 CST		0	Hail (0.88 in)
	07/24/09 11:35 CST		50K	Source: Public
Hail was accompanied with wind gusts o	f 40 to 50 mph, which damaged crops			
WINNESHIEK COUNTY 0.5 E RIDGE	WAY [43.30, -91.99]			
	07/24/09 11:43 CST		0	Hail (0.75 in)
	07/24/09 11:43 CST		35K	Source: Public
Hail the size of dimes occurred with stror	na winds.			
WINNESHIEK COUNTY 3.5 W RIDGE			2.50%	Hail (4, 00 in)
	07/24/09 11:45 CST		2.50K	Hail (1.00 in)
	07/24/09 11:45 CST		8K	Source: Public
Most of the hail was penny-sized, with ve	ery strong winds.			
WINNESHIEK COUNTY 1.5 SSW RID	GEWAY [43.28, -92.01]			
	07/24/09 11:55 CST		10K	Thunderstorm Wind (EG 52 kt)
	07/24/09 11:55 CST		10K	Source: Law Enforcement
A mobile home was pushed off its foundation	ation, but the home did not roll over ar	nd no injuries were	reported.	
WINNESHIEK COUNTY 0.7 NNE CAL	MAD [//3 10 .01 88]			
WINTEGNIER GOORTT U.T HITE GAE	07/24/09 12:00 CST		2K	Hail (1.00 in)
	07/24/09 12:20 CST		25K	Source: SHAVE Project
Three inch diameter branches were also	knocked down.			
WINNESHIEK COUNTY 1.5 NNW CAI	LMAR [43.20, -91.89] 07/24/09 12:00 CST		20K	Hail (1.25 in)
	07/24/09 12:00 CST		80K	Source: Fire Department/Rescue
Hail was 8 to 0 inches does in places are			5511	
Hail was 8 to 9 inches deep in places and	a dops were snreaded.			
WINNESHIEK COUNTY 0.9 NE CALN			101/	Hail (4.75 in)
	07/24/09 12:03 CST		10K	Hail (1.75 in)
	07/24/09 12:03 CST		0.10M	Source: Law Enforcement
Hail the size of golf balls was reported al	ong Highway 52.			
WINNESHIEK COUNTY 0.5 E CALMA	AR [43.18, -91.87]			
	07/24/09 12:04 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/24/09 12:04 CST		10K	Source: Fire Department/Rescue
Trees were snapped, which were 12 to 1	8 inches in diameter.			
WINNESHIEK COUNTY 0.5 E CALMA	AR [43 18 .91 87]			
WINNESPIER COUNTY U.S E CALMA	07/24/09 12:04 CST		0.90M	Hail (1.75 in)
	07/24/09 12:14 CST		1.80M	Source: Fire Department/Rescue
				·

Hail lasted approximately 10 minutes and broke windows and damaged siding.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WINNESHIEK COUNTY 2.1 SE CALMAR				
	07/24/09 12:05 CST		1K	Hail (1.25 in)
	07/24/09 12:05 CST		7K	Source: SHAVE Project
WINNESHIEK COUNTY 0.5 E CALMAR [			214	Hail (4 00 in)
	07/24/09 12:06 CST		3K	Hail (1.00 in)
	07/24/09 12:06 CST		10K	Source: Public
WINNESHIEK COUNTY 1.5 SSW OSSIAN	• •		1017	
	07/24/09 12:15 CST		10K	Hail (1.50 in)
	07/24/09 12:15 CST		25K	Source: Public
WINNESHIEK COUNTY 2.5 E FESTINA [	43.12, -91.83]			
	07/24/09 12:15 CST		10K	Hail (1.00 in)
	07/24/09 12:15 CST		20K	Source: Public
WINNESHIEK COUNTY 3.7 SW CASTAL	IA [43.0991.76]			
2 22 2 2 2 2 2	07/24/09 12:20 CST		10K	Hail (1.75 in)
	07/24/09 12:20 CST		80K	Source: Public
Golf ball size hail was reported on a family fa	arm along the county line.			
FAYETTE COUNTY 2.5 NE WEST UNION	J SCOTT APP (43 00 -94 76)			
FATETTE COUNTY 2.5 NE WEST UNION	07/24/09 12:34 CST		0	Hail (0.75 in)
	07/24/09 12:34 CST		25K	Source: Public
Strong winds also occurred with the hail.				
FAYETTE COUNTY 1.7 SW CLERMONT	VLY ARPT [42.96, -91.67]			
	07/24/09 12:36 CST		2M	Hail (2.00 in)
	07/24/09 12:36 CST		2.80M	Source: Public
Windows were broken in a house. Hail size v	was estimated.			
FAYETTE COUNTY 2.8 S ELGIN [42.91,	-91.62] 07/24/09 12:48 CST		10K	Hail (1.00 in)
	07/24/09 12:48 CST		60K	Source: Public
Hail stripped plants and covered the ground.				
CLAVION COUNTY OF WIVOLCA (42.0)	0. 04 541			
CLAYTON COUNTY 0.5 W VOLGA [42.80	0, -91.54] 07/24/09 12:55 CST		5K	Hail (1.50 in)
	07/24/09 12:55 CST		50K	Source: Fire Department/Rescue
CLAYTON COUNTY 2.5 W VOLGA [42.80	<b>0, -91.58]</b> 07/24/09 13:00 CST		0.11M	Hail (1.75 in)
	07/24/09 13:00 CST		3M	Source: Public
CLAYTON COUNTY 2.6 SE VOLGA [42.7			ον	Hoil (4.00 in)
CLAYTON COUNTY 2.6 SE VOLGA [42.7	77, -91.50] 07/24/09 13:05 CST 07/24/09 13:05 CST		8K 40K	Hail (1.00 in) Source: Public
	07/24/09 13:05 CST 07/24/09 13:05 CST			
Hail was reported to have covered the groun	07/24/09 13:05 CST 07/24/09 13:05 CST nd.			
Hail was reported to have covered the groun	07/24/09 13:05 CST 07/24/09 13:05 CST ad.		40K	Source: Public
CLAYTON COUNTY 2.6 SE VOLGA [42.7  Hail was reported to have covered the ground statement of the covered that the covered the ground statement of the covered that the cover	07/24/09 13:05 CST 07/24/09 13:05 CST nd.			

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CLAYTON COUNTY 3.8 WSW MEDERVI	=			
	07/24/09 13:10 CST		0	Hail (0.88 in)
	07/24/09 13:10 CST		0	Source: Public
Hail did not last long.				
CLAYTON COUNTY 2.1 NW EDGEWOO				
	07/24/09 13:17 CST		0.12M	Hail (1.75 in)
	07/24/09 13:17 CST		3M	Source: Public
Strong winds were also reported.				
CLAYTON COUNTY 0.9 NE EDGEWOOD	D [42.68, -91.42]			
	07/24/09 13:18 CST		5K	Hail (1.25 in)
	07/24/09 13:18 CST		20K	Source: Public
CLAYTON COUNTY 2.1 SE EDGEWOOD	D [42.65, -91.40]			
	07/24/09 13:20 CST		0.15M	Hail (1.75 in)
	07/24/09 13:20 CST		3M	Source: Fire Department/Rescue
Wind gusts were measured at 40 mph in too	wn. Hail broke windows in town and	d caused considera	able damage to cro	ps. Rainfall totaled 0.47 inches.
CLAYTON COUNTY 1.5 SSW EDGEWOO			FILE	H 7/4 00: )
	07/24/09 13:22 CST		5K	Hail (1.00 in)
	07/24/09 13:22 CST		50K	Source: Public
Tree limbs were also reported down.				
CLAYTON COUNTY 2.1 SE EDGEWOOD				
	07/24/09 13:23 CST		2K	Hail (1.25 in)
	07/24/09 13:23 CST		10K	Source: Fire Department/Rescue
ALLAMAKEE COUNTY 1.4 S LANSING	[43.36, -91.23]			
	07/24/09 14:10 CST		0	Hail (0.88 in)
	07/24/09 14:10 CST		0	Source: Public
ALLAMAKEE COUNTY 2.8 N WEXFORD	) [43.32, -91.17]			
	07/24/09 14:54 CST		0	Hail (0.88 in)
	07/24/09 14:54 CST		20K	Source: COOP Observer
ALLAMAKEE COUNTY 6.0 SW NEW AL	BIN [43,43, -91.401			
	07/24/09 14:57 CST		2.50K	Hail (1.00 in)
	07/24/09 14:57 CST		10K	Source: Public
ALLAMAKEE COUNTY 2.1 ENE CHURC	:H [43 36 -91 31]			
THE STORY	07/24/09 15:00 CST		5K	Hail (1.00 in)
	07/24/09 15:00 CST		20K	Source: Trained Spotter
ALLAMAKEE COUNTY 5.4 ESE CHESTI	ER [43.4491 42]			
	07/24/09 15:19 CST		5K	Hail (1.00 in)
	07/24/09 15:19 CST		15K	Source: Public
This was the second round of one inch hail	this afternoon.			
ALLAMAKEE COUNTY 1.7 WNW WEXF	ORD [43.29, -91.20]			
	07/24/09 15:20 CST		0	Hail (0.88 in)
	07/24/09 15:20 CST		0	Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALLAMAKEE COUNTY 2.1 SSW WEX	= = = = = = = = = = = = = = = = = = = =			
	07/24/09 15:31 CST		0	Thunderstorm Wind (MG 51 kt)
	07/24/09 15:31 CST		10K	Source: Amateur Radio
ALLAMAKEE COUNTY CHURCH [43.3				
	07/24/09 15:33 CST		0	Hail (0.75 in)
	07/24/09 15:33 CST		0	Source: Law Enforcement
Strong winds were also reported in Harpe	rs Ferry.			
ALLAMAKEE COUNTY HARPERS FEI	RRY [43.20, -91.15]			
	07/24/09 15:35 CST		5K	Thunderstorm Wind (EG 55 kt)
	07/24/09 15:35 CST		10K	Source: Law Enforcement
Numerous trees were reported down.				
ALLAMAKEE COUNTY 2.0 W ELON [4	i3.27, -91.37]			
•	07/24/09 16:00 CST		0	Hail (0.88 in)
	07/24/09 16:00 CST		0	Source: Emergency Manager
WINNESHIEK COUNTY 0.5 E CALMAR	R [43.18, -91.87]			
THE COURT OF THE CONTROL OF THE CONT	07/24/09 16:20 CST		3K	Hail (1.00 in)
	07/24/09 16:20 CST		15K	Source: Law Enforcement
Some street flooding was reported as well	l.			
WINNESHIEK COUNTY 1.2 SE FT ATK	07/24/09 16:26 CST		0.81M	Hail (2.00 in)
	07/24/09 16:26 CST		2M	Source: Law Enforcement
WINNESHIEK COUNTY 2.0 W OSSIAN	I [43.15, -91.82] 07/24/09 16:26 CST		0.97M	Hail (2.75 in)
	07/24/09 16:26 CST		1.90M	Source: Law Enforcement
	677 <b>2</b> 1736 161 <b>2</b> 6 661			554.55. 24.1 2.115.55.115.11
WINNESHIEK COUNTY 2.9 SE CALMA	• •		0.7714	
	07/24/09 16:29 CST		0.77M	Hail (1.75 in) Source: Public
	07/24/09 16:29 CST		1.10M	Source. Fublic
This was the second round of large hail to	day.			
WINNESHIEK COUNTY 3.7 SW CASTA				
	07/24/09 16:33 CST		0.96M	Hail (2.75 in)
Lorgo boil occurred stees United Water	07/24/09 16:33 CST		1.40M	Source: Law Enforcement
Large hail occurred along Highway W42 g	ong ino rayette Courity.			
WINNESHIEK COUNTY 3.7 SW CASTA			FOIC	Heil (4.25 iz)
	07/24/09 16:36 CST		50K	Hail (4.25 in) Source: Public
	07/24/09 16:36 CST		0.10M	Godice. Fubile
This was the second round of large hail to	tall in five hours, damaging many of	the same fields ar	nd properties.	
FAYETTE COUNTY 5.9 ENE ELDORA				
	07/24/09 16:44 CST		10K	Hail (1.75 in)
	07/24/09 16:44 CST		30K	Source: Public
FAYETTE COUNTY 1.5 NNW CLERMO	ONT [43.02, -91.68]			
	07/24/09 16:53 CST		0	Hail (0.75 in)
	07/24/09 16:53 CST		0	Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FAYETTE COUNTY 2.1 N ELDORADO	) [43.08, -91.85]			
	07/24/09 16:55 CST		1.10M	Hail (1.75 in)
	07/24/09 16:55 CST		2M	Source: Public
CLAYTON COUNTY HIGHLAND [42.9	0, -91.60]			
	07/24/09 17:20 CST		3K	Hail (1.00 in)
	07/24/09 17:20 CST		20K	Source: Public
FAYETTE COUNTY 0.7 N FAYETTE [4	<b>1</b> 2.84, -91.80]			
	07/24/09 17:25 CST		0	Hail (0.88 in)
	07/24/09 17:25 CST		0	Source: Trained Spotter
Very heavy rain also occurred.				
FAYETTE COUNTY 3.5 S FAYETTE [4				
	07/24/09 17:37 CST		10K	Hail (1.50 in)
	07/24/09 17:37 CST		50K	Source: Storm Chaser
Large hail was reported along Highway 1	50.			
FAYETTE COUNTY 2.5 E OELWEIN [4	· •			
	07/24/09 17:54 CST		2.50K	Hail (1.00 in)
	07/24/09 17:54 CST		35K	Source: Trained Spotter
FAYETTE COUNTY 2.1 ENE WESTGA	ATE [42.78, -91.96]			
	07/24/09 17:55 CST		5K	Hail (1.75 in)
	07/24/09 17:55 CST		60K	Source: Storm Chaser
FAYETTE COUNTY 0.5 W OELWEIN [	42.68, -91.91]			
FAYETTE COUNTY 0.5 W OELWEIN [	<b>42.68, -91.91]</b> 07/24/09 18:03 CST		1K	Thunderstorm Wind (EG 52 kt)
FAYETTE COUNTY 0.5 W OELWEIN [	<del>-</del>		1K 15K	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter
FAYETTE COUNTY 0.5 W OELWEIN [  A one foot diameter tree was knocked do	07/24/09 18:03 CST 07/24/09 18:03 CST	ue as well.		, ,
	07/24/09 18:03 CST 07/24/09 18:03 CST wn. There was flooding on First Aven	ue as well.		, ,
A one foot diameter tree was knocked do	07/24/09 18:03 CST 07/24/09 18:03 CST wn. There was flooding on First Aven	ue as well.		, ,

This report was relayed from KWWL television station.

Clusters of severe thunderstorms generated by an approaching cold front affected part of northeast lowa during the afternoon and early evening of July 24. Reports of hail up to 2 inches in diameter were common from storm spotters, law enforcement officials and the public, with a report of close to softball size hail near Ossian (Winneshiek County). In addition, wind gusts between 55 and 65 mph occurred. Crop damage due to the large hail was estimated in the millions of dollars.

Two sets of storms about five hours apart hit Fayette and Winneshiek Counties exceptionally hard with hail damage to buildings and many corn and bean fields stripped clean. In Fayette County, 250,000 acres were impacted with a total loss of 35,000 acres. In Winneshiek County, loss was estimated at 30,000 acres. Total damage costs combined with Fayette and Winneshiek Counties could have reached \$169 million. The Farm Service Agency director said both counties were "decimated" by the storm damage.

In Allamakee County, 7,400 acres were affected with an estimated \$1 million in damage.

In Clayton County, 47,000 acres were hit with \$10 million in damage.

Howard County had 36,000 acres impacted, with a total loss of 10,000 acres and an estimated damage cost of \$11 million.

CLAYTON COUNTY 0.5 W STRAWBERRY PT [42.68, -91.54]						
07/24/09 13:30 CST	0	Heavy Rain				
07/24/09 13:30 CST	0	Source: Law Enforcement				

Officers reported about 3 inches of water across Highway 3 in Clayton County.

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ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALLAMAKEE COUNTY 2.8 N WEXFORD	[43.32, -91.17]			
	07/24/09 15:35 CST		0	Heavy Rain
	07/24/09 15:35 CST		0	Source: Amateur Radio
An inch of rain fell within 20 minutes.				
CLAYTON COUNTY 0.7 NE EDGEWOOD	) [42.68, -91.42], 1.2 NW STRAWB	ERRY PT [42.69, -	91.55], 2.0 SSW S	TRAWBERRY PT [42.65, -91.55], 1.9
30E EBOEWOOD [42:04, -31:42]	07/24/09 16:55 CST		15K	Flash Flood (due to Heavy Rain)
	07/24/09 19:30 CST		10K	Source: Law Enforcement
FAYETTE COUNTY 2.0 W OELWEIN [42	68, -91.94], 1.3 NE OELWEIN [42.	69, -91.88], 1.8 ES	E OELWEIN [42.67	7, -91.87], 2.1 WSW OELWEIN [42.67,
91.94]	07/24/09 16:55 CST		10K	Flash Flood (due to Heavy Rain)
	07/24/09 19:30 CST		20K	Source: Law Enforcement
91.87] Numerous small streams and drainage area	07/24/09 16:55 CST 07/24/09 19:30 CST s were flooded. A few roads south	of Calmar had wa	20K 50K ter over them.	Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue
Thunderstorms with heavy rainfall hit som Streams and creeks overflowed their bank		_	on of July 24, whic	h caused flash flooding.
VINNESHIEK COUNTY 5.3 ESE CASTA				
	07/30/09 19:08 CST		0	Hail (0.75 in)
	07/30/09 19:08 CST		0	Source: Trained Spotter
Penny sized hail fell but there were no winds	s with the storm.			
A thunderstorm produced dime size hail o	n the evening of July 30.			
MINNESOTA, Southeast				

FILLMORE COUNTY 2.1 ENE OSTRANDER			
	07/07/09 16:30 CST	0	Hail (0.75 in)
	07/07/09 16:30 CST	0	Source: COOP Observer
Hail occurred on Highway 63, along with very he	avy rain.		
A thunderstorm produced hail the size of dime	es on the evening of July 7.		
OLMSTED COUNTY 0.9 NW ROCHESTER [4	4.04, -92.48]		
	07/21/09 18:32 CST	0	Hail (0.75 in)
	07/21/09 18:32 CST	0	Source: Public
OLMSTED COUNTY 2.1 ENE ROCHESTER [-	44.04, -92.43]		
	07/21/09 18:35 CST	5K	Thunderstorm Wind (EG 55 kt)
	07/21/09 18:35 CST	20K	Source: Emergency Manager
Several trees were blown down at a farm.			
A severe thunderstorm produced damaging w	inds estimated between 60 and 65 mp	h just outside of Roche	ster.

DODGE COUNTY --- 2.8 ESE RICE LAKE [44.10, -93.00]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/24/09 09:05 CST		0	Hail (0.75 in)
	07/24/09 09:05 CST		0	Source: Emergency Manager
DODGE COUNTY 2.8 N CLAREMONT [44.09, -	93.00]			
	07/24/09 09:10 CST		15K	Hail (1.50 in)
	07/24/09 09:10 CST		10K	Source: Emergency Manager
DODGE COUNTY 0.7 S CLAREMONT [44.04,				_
	07/24/09 09:16 CST		0	Hail (0.88 in)
	07/24/09 09:16 CST		0	Source: Public
Hail the size of pennies and nickels was observed,	, although there was not a gre	at deal of hail.		
DODGE COUNTY 2.1 ESE CLAREMONT [44.04				
	07/24/09 09:21 CST		0.10M	Hail (2.00 in)
	07/24/09 09:21 CST		0.22M	Source: Emergency Manager
DODGE COUNTY DODGE CENTER [44.03, -92	=			
	07/24/09 09:26 CST		0.22M	Hail (2.00 in)
	07/24/09 09:26 CST		0.13M	Source: Emergency Manager
OLMSTED COUNTY 2.8 WNW ORONOCO [44.	19, -92.58]			
	07/24/09 09:29 CST		0	Hail (0.75 in)
	07/24/09 09:29 CST		0	Source: Emergency Manager
Hail slightly larger than dime size was reported alo	ng Highway 52.			
DODGE COUNTY 1.2 NE DODGE CENTER AR				
	07/24/09 09:31 CST		8K	Hail (1.50 in)
	07/24/09 09:31 CST		20K	Source: Emergency Manager
DODGE COUNTY WEST CONCORD [44.15, -92	=			
	07/24/09 09:31 CST		15K	Hail (1.00 in)
	07/24/09 09:31 CST		10K	Source: Emergency Manager
DODGE COUNTY 2.0 NW MANTORVILLE [44.0	09, -92.78]			
	07/24/09 09:57 CST		5K	Hail (1.00 in)
	07/24/09 09:57 CST		10K	Source: Emergency Manager
OLMSTED COUNTY 1.5 NNW STEWARTVILLE	[43.87, -92.49]			
	07/24/09 09:58 CST		12K	Hail (1.00 in)
	07/24/09 09:58 CST		10K	Source: Public
OLMSTED COUNTY 1.5 NNW STEWARTVILLE	[43.87, -92.49]			
	07/24/09 09:58 CST		5K	Hail (1.00 in)
	07/24/09 09:58 CST		0	Source: Public
FILLMORE COUNTY 1.6 WSW PRESTON FLLI	MR ARPT [43.67, -92.21]			
	07/24/09 10:53 CST		0.50K	Thunderstorm Wind (EG 50 kt)
	07/24/09 10:53 CST		0	Source: Public
At Maple Springs Campground, there were severa	I limbs downed, which were 3	to 4 inches in dia	ameter.	
DODGE COUNTY 1.7 NW CLAREMONT [44.07	, -93.02]			
	07/24/09 16:53 CST		0	Hail (0.75 in)
	07/24/09 16:53 CST		0	Source: Public

A cluster of severe thunderstorms was generated ahead of an approaching cold front during the morning of July 24. These storms produced hail up to 2 inches in diameter, as reported by storm spotters, law enforcement officials, emergency managers and the

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

public.

0 0	Funnel Cloud Source: Trained Spotter
0	
0	
0	Source. Trained Spotter
0	Funnel Cloud
	Source: Public
ed down.	
0	Hail (0.75 in)
	Source: Trained Spotter
U	Source. Trained Spotter
10K	Hail (1.00 in)
40K	Source: COOP Observer
70K	Hail (1.00 in)
0.68M	Source: Post Office
0	Hail (0.88 in)
0	Source: Trained Spotter
10 <b>K</b>	Hail (1.00 in)
	Source: Emergency Manager
JUN	Source. Emergency Manager
8K	Hail (1.00 in)
40K	Source: Emergency Manager
20K	Hail (1.75 in)
70K	Source: Emergency Manager
5K	Hail (1.00 in)
45K	Source: Fire Department/Rescue
15K	Hail (1.00 in)
45K	Source: Law Enforcement
	0 hed down.  0 0 0 ss.  10K 40K  70K 0.68M  0 0  10K 50K  8K 40K  20K 70K  5K 45K

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GRANT COUNTY --- 2.1 S ARTHUR [42.82, -90.45]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/24/09 15:40 CST		15K	Hail (1.00 in)
	07/24/09 15:40 CST		45K	Source: Law Enforcement
GRANT COUNTY UNION [42.83, -90.52]				
• •	07/24/09 15:43 CST		6K	Hail (1.00 in)
	07/24/09 15:43 CST		40K	Source: Trained Spotter
A few pieces of hail were larger than quarter si	ze and winds were also measur	ed at 52.5 mph.		
CRAWFORD COUNTY 1.0 W WAUZEKA [4	3.08, -90.90]			
	07/24/09 15:48 CST		0	Hail (0.88 in)
	07/24/09 15:48 CST		0	Source: Law Enforcement
Hail was reported at County Road N, east of H	ighway 27.			
GRANT COUNTY 3.5 N PLATTEVILLE [42.	78, -90.48]			
	07/24/09 15:48 CST		10K	Hail (1.25 in)
	07/24/09 15:48 CST		30K	Source: Trained Spotter
CRAWFORD COUNTY 3.5 S EASTMAN [43	3.12, -91.02]			
	07/24/09 15:49 CST		0.30M	Hail (1.00 in)
	07/24/09 15:49 CST		0.45M	Source: Amateur Radio
GRANT COUNTY 0.7 N PLATTEVILLE [42.	74, -90.48]			
	07/24/09 15:55 CST		3K	Thunderstorm Wind (EG 55 kt)
	07/24/09 15:55 CST		20K	Source: Amateur Radio
GRANT COUNTY 1.5 NNW PLATTEVILLE	[42.75, -90.49] 07/24/09 15:55 CST		12K	Hail (1.75 in)
	07/24/09 15:55 CST		60K	Source: Amateur Radio
There was also a free blown down on Old Law			OOK	Source. Amateur Nauro
There was also a tree blown down on Old Land	caster Road.			
GRANT COUNTY 0.7 N PLATTEVILLE [42.	<b>74, -90.48]</b> 07/24/09 15:56 CST		3K	Hail (1.00 in)
	07/24/09 15:56 CST		25K	Source: Emergency Manager
In addition to the hail, there were wind gusts m			2010	Course. Emergency Manager
CRANT COUNTY 0.7 N DI ATTEVILLE 142	74 00 491			
GRANT COUNTY 0.7 N PLATTEVILLE [42.	07/24/09 15:57 CST		4K	Hail (1.00 in)
	07/24/09 15:57 CST		50K	Source: Amateur Radio
In addition to the hail, winds were also 40 mph				
GRANT COUNTY 0.7 N WOODMAN [43.09,	-90.80]			
	07/24/09 16:00 CST		0	Hail (0.88 in)
	07/24/09 16:00 CST		0	Source: Emergency Manager
	00.86]			
	07/24/09 16:02 CST		0	Hail (0.75 in)
	07/24/09 16:02 CST		0	Source: Emergency Manager
Wind gusts of 53 mph also occurred.				
GRANT COUNTY 0.5 E MT HOPE [42.97, -5	=			
	07/24/09 16:14 CST		0	Hail (0.88 in)
	07/24/09 16:14 CST		15K	Source: Amateur Radio

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Hail made the ground white.				
GRANT COUNTY 0.9 NE LANCASTER [-	42.8690.711			
	07/24/09 16:22 CST		1.10M	Hail (1.75 in)
	07/24/09 16:22 CST		6.80M	Source: Emergency Manager
Large hail was reported on Borah Ridge Ro	pad.			
GRANT COUNTY 0.7 N BURTON [42.73,	, -90.82]			
	07/24/09 17:05 CST		2.50K	Hail (1.00 in)
	07/24/09 17:05 CST		30K	Source: Trained Spotter
GRANT COUNTY 3.4 NW MC CARTNEY	/ [42.7290.89]			
	07/24/09 17:12 CST		10K	Hail (1.75 in)
	07/24/09 17:12 CST		70K	Source: Broadcast Media
ODANIT COUNTY CONTROL	0.50.00.501			
GRANT COUNTY 0.5 W LOUISBURG [4:	<b>2.58, -90.56]</b> 07/24/09 17:15 CST		30K	Thunderstorm Wind (EG 56 kt)
	07/24/09 17:15 CST		60K	Source: Emergency Manager
Ten power poles were snapped along Coun	nty Road H, just east of Kieler. The	town of Kieler was		5 . 0
ODANIT COUNTY AS A NE DOTOGLESS CO	0.00741			
GRANT COUNTY 0.9 NE POTOSI [42.69	07/24/09 17:17 CST		1.80M	Hail (1.75 in)
	07/24/09 17:17 CST		8M	Source: Emergency Manager
GRANT COUNTY 0.5 E LOUISBURG [42	2.58, -90.54] 07/24/09 17:27 CST		1.50M	Thunderstorm Wind (MG 68 kt)
	07/24/09 17:27 CST		1.20M	Source: Emergency Manager
	07724709 17.27 001		1.20IVI	Source. Emergency Manager
GRANT COUNTY 1.5 NNW SINSINAWA	[42.54, -90.54]			
	07/24/09 17:35 CST		25K	Thunderstorm Wind (EG 58 kt)
	07/24/09 17:35 CST		75K	Source: Emergency Manager
Power lines were down across much of the	southern end of the county.			
	ated by an approaching cold front	affected part of so	outhwest Wiscons	in during the afternoon
A cluster of severe thunderstorms genera				amont officials and the
	ail up to golf ball size were comm	on from storm sp	otters, law enforce	ement officials and the
A cluster of severe thunderstorms genera and early evening of July 24. Reports of h public. In addition, wind gusts of 60 to 70	mph occurred, although a gust of	78 mph was mea	sured near Dickey	ville (Grant County). In
and early evening of July 24. Reports of h public. In addition, wind gusts of 60 to 70 Grant County, Wisconsin, residential and	mph occurred, although a gust of business damage included 1000 b	78 mph was mea	sured near Dickey	ville (Grant County). In
and early evening of July 24. Reports of h public. In addition, wind gusts of 60 to 70 Grant County, Wisconsin, residential and	mph occurred, although a gust of business damage included 1000 b	78 mph was mea	sured near Dickey	ville (Grant County). In
and early evening of July 24. Reports of h public. In addition, wind gusts of 60 to 70 Grant County, Wisconsin, residential and Agricultural losses could have been as his CRAWFORD COUNTY 2.0 SSW LYNXVI	mph occurred, although a gust of business damage included 1000 l gh as 50 million dollars.	78 mph was mea nomes and 200 bu	sured near Dickey sinesses totaling	rville (Grant County). In over 4 million dollars.
and early evening of July 24. Reports of houblic. In addition, wind gusts of 60 to 70 Grant County, Wisconsin, residential and Agricultural losses could have been as high	mph occurred, although a gust of business damage included 1000 l gh as 50 million dollars.	78 mph was mea nomes and 200 bu	sured near Dickey sinesses totaling	rville (Grant County). In over 4 million dollars.
and early evening of July 24. Reports of h public. In addition, wind gusts of 60 to 70 Grant County, Wisconsin, residential and Agricultural losses could have been as his CRAWFORD COUNTY 2.0 SSW LYNXVI	mph occurred, although a gust of business damage included 1000 h gh as 50 million dollars. ILLE [43.22, -91.07], 2.5 SW LYNXV	78 mph was mea nomes and 200 bu	sured near Dickey sinesses totaling 19], 3.1 N LYNXVIL	rville (Grant County). In over 4 million dollars.  LE [43.29, -91.06], 3.3 NNE
and early evening of July 24. Reports of h public. In addition, wind gusts of 60 to 70 Grant County, Wisconsin, residential and Agricultural losses could have been as his CRAWFORD COUNTY 2.0 SSW LYNXVI LYNXVILLE [43.30, -91.03]  Mudslides were reported along Highway 35	mph occurred, although a gust of business damage included 1000 high as 50 million dollars.  ILLE [43.22, -91.07], 2.5 SW LYNXV 07/24/09 15:00 CST 07/24/09 17:50 CST	78 mph was mea nomes and 200 bu	sured near Dickey sinesses totaling 19], 3.1 N LYNXVIL 15K 20K	rville (Grant County). In over 4 million dollars.  LE [43.29, -91.06], 3.3 NNE  Flash Flood (due to Heavy Rain) Source: Law Enforcement
and early evening of July 24. Reports of h public. In addition, wind gusts of 60 to 70 Grant County, Wisconsin, residential and Agricultural losses could have been as high CRAWFORD COUNTY 2.0 SSW LYNXVILYNXVILLE [43.30, -91.03]  Mudslides were reported along Highway 35 motorists were rescued, but there were no in	mph occurred, although a gust of business damage included 1000 h gh as 50 million dollars.  ILLE [43.22, -91.07], 2.5 SW LYNXV 07/24/09 15:00 CST 07/24/09 17:50 CST  5. The highway was closed temporar injuries reported.	78 mph was mea nomes and 200 bu	sured near Dickey sinesses totaling 19], 3.1 N LYNXVIL 15K 20K	rville (Grant County). In over 4 million dollars.  LE [43.29, -91.06], 3.3 NNE  Flash Flood (due to Heavy Rain) Source: Law Enforcement
and early evening of July 24. Reports of h	mph occurred, although a gust of business damage included 1000 h gh as 50 million dollars.  ILLE [43.22, -91.07], 2.5 SW LYNXV 07/24/09 15:00 CST 07/24/09 17:50 CST  5. The highway was closed temporar injuries reported.	78 mph was mea nomes and 200 bu	sured near Dickey sinesses totaling 19], 3.1 N LYNXVIL 15K 20K	rville (Grant County). In over 4 million dollars.  LE [43.29, -91.06], 3.3 NNE  Flash Flood (due to Heavy Rain) Source: Law Enforcement

GRANT COUNTY --- 3.8 NNW ELLENBORO [42.83, -90.65], 2.7 SSE UNION [42.79, -90.50], 2.0 W PLATTEVILLE [42.73, -90.52], 1.4 E LANCASTER ARPT [42.78, -90.65]

0

0

07/24/09 16:46 CST

07/24/09 16:46 CST

GRANT COUNTY --- 0.7 N PLATTEVILLE [42.74, -90.48]

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Heavy Rain

Source: Amateur Radio

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/24/09 17:17 CST		10K	Flash Flood (due to Heavy Rain)
	07/24/09 19:30 CST		20K	Source: Emergency Manager
High water flooded sections of Highway 81 betw	veen Lancaster and Platteville.			
GRANT COUNTY KIELER [42.58, -90.60], 1.		1.6 NNW KIELER		
	07/24/09 17:17 CST		8K	Flash Flood (due to Heavy Rain)
	07/24/09 19:30 CST		15K	Source: Law Enforcement
Water was reported over Highway 151 near Kie	ler.			
CRAWFORD COUNTY 0.7 N MT ZION [43.26	· -			
	07/24/09 17:40 CST		0	Heavy Rain
	07/24/09 17:40 CST		0	Source: Trained Spotter
GRANT COUNTY 0.7 N PLATTEVILLE [42.7	•			
	07/24/09 17:48 CST		0	Heavy Rain
	07/24/09 17:48 CST		0	Source: Amateur Radio
and debris along Highway 35 in Crawford Cou and 151. JACKSON COUNTY 3.1 NNW WINNEBAGO		e reported to have	water over the ro	ad included Highway 81
	07/27/09 13:18 CST		10K	Thunderstorm Wind (EG 52 kt)
	07/27/09 13:18 CST		0	Source: Law Enforcement
Sheriff department reported 25 to 30 trees were	down along Highway 12 and C	County Roads K an	nd E.	
JACKSON COUNTY 9.8 SSW CITY PT [44.2			0	Hail (0.75 in)
JACKSON COUNTY 9.8 SSW CITY PT [44.2	2, -90.40] 07/27/09 14:17 CST 07/27/09 14:17 CST		0	Hail (0.75 in) Source: Public
	07/27/09 14:17 CST			
	07/27/09 14:17 CST			
Wind gusts were around 40 mph.	07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11]		0	Source: Public
Wind gusts were around 40 mph.	07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11] 07/27/09 14:20 CST		0 2K	Source: Public  Thunderstorm Wind (EG 52 kt)
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2	07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST		0	Source: Public
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2	07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST		0 2K	Source: Public  Thunderstorm Wind (EG 52 kt)
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road	07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST		0 2K 10K	Source: Public  Thunderstorm Wind (EG 52 kt)  Source: Law Enforcement
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road	07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST 1 C. 5, -91.00] 07/27/09 14:25 CST		0 2К 10К	Source: Public  Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.00 in)
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road	07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST		0 2K 10K	Source: Public  Thunderstorm Wind (EG 52 kt)  Source: Law Enforcement
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road  JACKSON COUNTY 1.4 N MELROSE [44.15	07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST d C. 5, -91.00] 07/27/09 14:25 CST 07/27/09 14:25 CST		0 2К 10К 3К 0	Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.00 in) Source: Public
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road  JACKSON COUNTY 1.4 N MELROSE [44.15	07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST d C. 6, -91.00] 07/27/09 14:25 CST 07/27/09 14:25 CST		2K 10K 3K 0	Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.00 in) Source: Public  Hail (0.75 in)
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road  JACKSON COUNTY 1.4 N MELROSE [44.15	07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST d C. 5, -91.00] 07/27/09 14:25 CST 07/27/09 14:25 CST		0 2К 10К 3К 0	Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.00 in) Source: Public
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road  JACKSON COUNTY 1.4 N MELROSE [44.15	07/27/09 14:17 CST 07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST 1 C. 5, -91.00] 07/27/09 14:25 CST 07/27/09 14:25 CST 07/27/09 14:25 CST		2K 10K 3K 0	Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.00 in) Source: Public  Hail (0.75 in)
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road  JACKSON COUNTY 1.4 N MELROSE [44.15	07/27/09 14:17 CST 07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST 1 C. 5, -91.00] 07/27/09 14:25 CST 07/27/09 14:25 CST 07/27/09 14:25 CST		2K 10K 3K 0	Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.00 in) Source: Public  Hail (0.75 in)
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road  JACKSON COUNTY 1.4 N MELROSE [44.15	07/27/09 14:17 CST 07/27/09 14:17 CST 21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST d C. 6, -91.00] 07/27/09 14:25 CST 07/27/09 14:25 CST 07/27/09 14:25 CST 07/27/09 14:25 CST		0 2K 10K 3K 0	Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.00 in) Source: Public  Hail (0.75 in) Source: Public
JACKSON COUNTY 9.8 SSW CITY PT [44.2  Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road  JACKSON COUNTY 1.4 N MELROSE [44.15  JACKSON COUNTY MELROSE [44.13, -91.0  MONROE COUNTY 4.3 NNE FOUR CORNER	07/27/09 14:17 CST 07/27/09 14:17 CST 07/27/09 14:17 CST  21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST  3, -91.00] 07/27/09 14:25 CST		0 2К 10К 3К 0 0	Source: Public  Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.00 in) Source: Public  Hail (0.75 in) Source: Public
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road  JACKSON COUNTY 1.4 N MELROSE [44.15  JACKSON COUNTY MELROSE [44.13, -91.0	07/27/09 14:17 CST 07/27/09 14:17 CST 07/27/09 14:17 CST  21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST  3, -91.00] 07/27/09 14:25 CST		0 2К 10К 3К 0 0	Source: Public  Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.00 in) Source: Public  Hail (0.75 in) Source: Public
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road  JACKSON COUNTY 1.4 N MELROSE [44.15  JACKSON COUNTY MELROSE [44.13, -91.0	07/27/09 14:17 CST 07/27/09 14:17 CST 07/27/09 14:17 CST  21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST  3		0 2K 10K 3K 0 0 0	Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.00 in) Source: Public  Hail (0.75 in) Source: Public  Hail (0.75 in) Source: Amateur Radio
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road  JACKSON COUNTY 1.4 N MELROSE [44.15  JACKSON COUNTY MELROSE [44.13, -91.0  MONROE COUNTY 4.3 NNE FOUR CORNER	07/27/09 14:17 CST 07/27/09 14:17 CST 07/27/09 14:17 CST  21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST 07/27/09 14:25 CST 07/27/09 14:25 CST 07/27/09 14:25 CST 07/27/09 14:25 CST 07/27/09 14:37 CST 07/27/09 14:37 CST 07/27/09 15:08 CST		0 2K 10K 3K 0 0 0	Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.00 in) Source: Public  Hail (0.75 in) Source: Public  Hail (0.75 in) Source: Amateur Radio
Wind gusts were around 40 mph.  JACKSON COUNTY 0.9 SE FRANKLIN [44.2  Two trees were blown down along County Road  JACKSON COUNTY 1.4 N MELROSE [44.15  JACKSON COUNTY MELROSE [44.13, -91.0	07/27/09 14:17 CST 07/27/09 14:17 CST 07/27/09 14:17 CST  21, -91.11] 07/27/09 14:20 CST 07/27/09 14:20 CST 07/27/09 14:25 CST 07/27/09 14:25 CST 07/27/09 14:25 CST 07/27/09 14:25 CST 07/27/09 14:37 CST 07/27/09 14:37 CST 07/27/09 15:08 CST		0 2K 10K 3K 0 0 0	Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.00 in) Source: Public  Hail (0.75 in) Source: Public  Hail (0.75 in) Source: Amateur Radio

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several trees were damaged at the intersection	of County Road AA and A. Dar	mage continued fo	r 2 miles to the eas	at and southeast of this point.
MONROE COUNTY SPARTA MUNI [43.97, -	=			
	07/27/09 15:15 CST		2.50K	Hail (1.00 in)
	07/27/09 15:15 CST		20K	Source: Trained Spotter
Some wind damage was also reported in Angel	0.			
MONROE COUNTY 2.1 S MC COY AAF ARI	PT [43.94, -90.73]			
	07/27/09 15:18 CST		2K	Hail (1.00 in)
	07/27/09 15:18 CST		10K	Source: Trained Spotter
Some trees were reported down in the area as	well.			
MONROE COUNTY 4.4 SSE MC COY AAF A	ARPT [43.91, -90.70]			
	07/27/09 15:18 CST		60K	Thunderstorm Wind (EG 59 kt)
	07/27/09 15:18 CST		20K	Source: Emergency Manager
Numerous trees were knocked down near Have lines and cars. Roofs were also blown off of mo		and AA just south	of Highway 16. Tre	es were knocked down on power
inico una caro. Nooro were also blown on or me	blic florings in that area.			
MONROE COUNTY 2.3 SSE MC COY AAF				
	07/27/09 15:20 CST		5K	Thunderstorm Wind (EG 55 kt)
	07/27/09 15:20 CST		0	Source: Trained Spotter
Trees were reported down along Highway 16 n	ear Fort McCoy.			
ADAMS COUNTY 2.1 N FRIENDSHIP [44.00	-89.821			
	07/27/09 15:22 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/27/09 15:22 CST		0	Source: Law Enforcement
Trees were reported down.				
	201			
ADAMS COUNTY FRIENDSHIP [43.97, -89.8	07/27/09 15:30 CST		3K	Thunderstorm Wind (EG 52 kt)
	07/27/09 15:30 CST		10K	Source: Law Enforcement
			TOR	Course. Law Emorecinent
Downed trees were blocking a road just south o	of Friendship. Pea size hail was	also reported.		
ADAMS COUNTY 4.0 E FRNDSHP ADAMS				
	07/27/09 15:45 CST		5K	Thunderstorm Wind (EG 54 kt)
	07/27/09 15:45 CST		10K	Source: Law Enforcement
Trees were reported blown down in many areas	s east and northeast of Adams.	Pea size hail was	also reported.	
MONROE COUNTY 1.5 SSW WILTON [43.8	0, -90.54]			
	07/27/09 15:45 CST		0	Hail (0.88 in)
	07/27/09 15:45 CST		25K	Source: Public
There was dime and nickel size hail, but not en	ough to cover the ground.			
MONROE COUNTY 1.4 S WILTON [43.80, -	00.531			
	07/27/09 15:51 CST		0	Hail (0.75 in)
	07/27/09 15:51 CST		0	Source: Law Enforcement
MONROE COUNTY 1.4 S WILTON [43.80, -	00.531			
	07/27/09 15:53 CST		0	Hail (0.75 in)
	07/27/09 15:53 CST		0	Source: Public

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CRAWFORD COUNTY --- 1.0 E FAIRVIEW [43.37, -90.93], 1.3 NNE STAR VLY [43.40, -90.86]

Deaths &

Property &

**Event Type and Details** 

Date/Time

Location

Location	Date/Time	Deaths & Injuries	Crop Dmg	Event Type and Details
	07/27/09 16:16 CST	-	30K	Tornado (EF1, L: 4.04 mi , W: 75 yd)
	07/27/09 16:26 CST		40K	Source: Law Enforcement
initial reports suggested seeing debris flying in knocking down trees and branches in a narrow		_		by valleys hitting several farms and
CRAWFORD COUNTY 0.7 N SOLDIERS G	ROVE [43.41, -90.77]			
	07/27/09 16:25 CST		20K	Thunderstorm Wind (EG 58 kt)
	07/27/09 16:25 CST		20K	Source: Law Enforcement
A building was damaged at the intersection of	Highway 61 and Tavern Road.			
VERNON COUNTY 2.6 ESE LA FARGE [4:	3.56, -90.58]			
_	07/27/09 16:40 CST		3K	Thunderstorm Wind (EG 55 kt)
	07/27/09 16:40 CST		10K	Source: Amateur Radio
Trees were knocked down near County Road	D and the Richland County line.			
RICHLAND COUNTY 0.7 S FIVE PTS [43.3	:1, -90.60]			
	07/27/09 16:46 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/27/09 16:46 CST		10K	Source: Amateur Radio
Trees were reported down.				
RICHLAND COUNTY 0.7 S FIVE PTS [43.3	190.601			
	07/27/09 16:52 CST		1K	Hail (1.00 in)
	07/27/09 16:52 CST		20K	Source: Trained Spotter
DIGULAND COUNTY O 4 O FIVE DTO 140 O	00.001			
RICHLAND COUNTY 2.1 S FIVE PTS [43.2	9, -90.60] 07/27/09 16:52 CST		0	Hail (0.88 in)
	07/27/09 16:52 CST		0	Source: Amateur Radio
	0.72.700 10.02 00 1		· ·	Course Amaron Flagra
GRANT COUNTY 2.0 W FENNIMORE [42.9	98, -90.69]			
	07/27/09 17:10 CST		0	Hail (0.75 in)
	07/27/09 17:10 CST		0	Source: Trained Spotter
GRANT COUNTY 1.2 NE MUSCODA [43.1	990.431			
	07/27/09 17:25 CST		30K	Thunderstorm Wind (EG 57 kt)
	07/27/09 17:25 CST		20K	Source: Law Enforcement
Power lines and trees were down throughout	town.			
GRANT COUNTY MONTFORT [42.97, -90.	43]			
	07/27/09 18:12 CST		0	Hail (0.75 in)
	07/27/09 18:12 CST		0	Source: Emergency Manager
CDANT COUNTY FENDINGS 140 00 00	CE1			
GRANT COUNTY FENNIMORE [42.98, -90	.65] 07/27/09 18:35 CST		2K	Hail (1.00 in)
	07/27/09 18:35 CST		15K	Source: Emergency Manager

Low pressure triggered a cluster of severe thunderstorms during the afternoon and early evening of July 27. Damaging winds and large hail were reported by storm spotters, law enforcement officials and the public. In addition, a tornado was reported in Crawford County, which was the first confirmed tornado in this county since June 17, 1987.

A survey team from the La Crosse National Weather Service confirmed the tornado. The path length was 4 miles long and went in a northeasterly direction, touching down 1 mile east of Fairview and staying on the ground until 5 miles west of Soldiers Grove. For most of the path length, the tornado was rated EF0, although the survey team determined it reached EF1 for a short time. Approximate time of the tornado occurrence was 516 p.m. to 526 p.m.

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg



Damage to a barn in rural Crawford County, WI on July 27, 2009. Photo by Todd Shea, NOAA/NWS La Crosse, WI.

# GRANT COUNTY --- 0.7 N PLATTEVILLE [42.74, -90.48], 1.4 NE PLATTEVILLE [42.74, -90.46], 0.7 ESE PLATTEVILLE [42.73, -90.47], 0.8 W PLATTEVILLE [42.73, -90.49]

 07/27/09 18:50 CST
 35K
 Flash Flood (due to Heavy Rain)

 07/27/09 20:30 CST
 20K
 Source: Emergency Manager

High water from swollen creeks was approaching buildings in Platteville. There were significant issues due to high water throughout the city.							
GRANT COUNTY 0.7 N BLUE	RIVER [43.19, -90.57]						
	07/27/09 19:30 CST	0	Heavy Rain				
	07/27/09 19:30 CST	0	Source: Public				
GRANT COUNTY 0.7 N PLATT	EVILLE [42.74, -90.48]						
	07/27/09 20:00 CST	0	Heavy Rain				
	07/27/09 20:00 CST	0	Source: Public				

A cluster of slow moving thunderstorms produced heavy rainfall during the evening of July 27. Rainfall amounts of 2 to 3 inches in a couple of hours caused flash flooding in Platteville.

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

WISCONSIN, Southwest

(WI-Z017) TAYLOR, (WI-Z029) CLARK

08/01/09 00:00 CST

0 17K Drought

08/07/09 12:00 CST 1

As a carry over from July drought conditions reached the severe level in parts of north central and northwest Wisconsin during the first week of August before rainfall impacted the area around August 7th.

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